DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION 11805 SW 26 Street, Room 208

T (786) 315-2590 F (786) 315-2599

Miami, Florida 33175-2474

www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Exeter Architectural Products 242 West 8th Street Wyoming, PA 18644

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER- Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: 5' x 7' Ready Mount Storm Shield Hurricane Barriers

APPROVAL DOCUMENT: Drawing No. SSHB-4, prepared by Exeter Architectural Products, titled "Storm Shield Hurricane Barriers", sheets 1 through 8 of 8, with latest revision #1, dated June 03, 2010, signed and sealed by Thomas H. Maxwell Jr., P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each panel shall bear a permanent label with the manufacturer's name or logo, city, state, the following statement: "Miami-Dade County Product Control Approved", NOA number, and TAS-201, TAS-202, and TAS-203, unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA #09-1207.02 and consists of this page 1, evidence submitted pages E-1 and E-2 as well as approval document mentioned above.

The submitted documentation was reviewed by Jaime D. Gascon, P.E.



NOA No. 12-1019.19 Expiration Date: 07/14/2015 Approval Date: 12/20/2012

Page 1

Exeter Architectural Products

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 09-1207.02

A. DRAWINGS:

1. Drawing No. SSHB-4, prepared by Exeter Architectural Products, titled "Storm Shield Hurricane Barriers", sheets 1 through 8 of 8, with latest revision #1, dated June 03, 2010, signed and sealed by Thomas H. Maxwell Jr., P.E., on June 10, 2010.

B. TEST:

- 1. Architectural Testing Report #90750.01-109-18, single unit, per TAS 201, TAS 202, & TAS 203, dated 07/22/2009, signed and sealed by Michael D. Stremmel, P.E.
- 2. Architectural Testing Report #82182.01-109-18, triple units, per TAS 201, TAS 202, & TAS 203, dated 09/16/2009, signed and sealed by Michael D. Stremmel, P.E.

C. CALCULATIONS:

1. Anchor calculations dated 11/14/09, pages 1through 4 of 4, signed and sealed by Thomas H. Maxwell Jr., P.E. on 11/29/09.

D. QUALITY ASSURANCE:

1. By Miami-Dade Building Code Compliance Office.

E. MATERIAL CERTIFICATION:

1. Certified Tensile Test Report No. #82182.01-109-18, issued by Architectural Testing, dated 09/16/2009 for perforated infill.

F. STATEMENTS:

- 1. Letter issued by Thomas H. Maxwell Jr., P.E., certifying this product conforms to the current Florida Building Code, dated 11/27/09, signed by Thomas H. Maxwell, Jr., P.E.
- 2. Letter issued by Thomas H. Maxwell Jr., P.E., certifying no financial interest, dated 11/27/09, signed by Thomas H. Maxwell, Jr., P.E.

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS:

1. None.

B. TESTS:

1. None.

C. CALCULATIONS:

1. None.

Jaime D. Gascon, P.E.

Product Control Section Supervisor NOA No. 12-1019.19

Expiration Date: 07/14/2015 Approval Date: 12/20/2012

Exeter Architectural Products

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- D. QUALITY ASSURANCE:
 - 1. By Miami-Dade County Department of Regulatory and Economic Resources.
- E. MATERIAL CERTIFICATIONS:
 - 1. None.
- F. OTHERS:
 - 1. Letter of compliance with the Florida Building Code, 2010 Edition and ASCE 7-10, issued by Thomas H. Maxwell, Jr., P.E. Consulting Engineer, dated September 30, 2012, signed and sealed by Thomas H. Maxwell, Jr., P.E.

Jaime D. Gascon, P.E.

Product Control Section Supervisor

NOA No. 12-1019.19 Expiration Date: 07/14/2015 Approval Date: 12/20/2012

GENERAL NOTES

- 1. THIS PRODUCT IS DESIGNED AS A HURRICANE SHUTTER
- 2. THESE PRODUCTS SATISFY THE FOLLOWING TESTING CRITERIA FOR LARGE MISSILE IMPACTS AND WIND LOADS IN ACCORDANCE WITH THE FOLLOWING STANDARDS:

FLORIDA BUILDING CODE HIGH VELOCITY HURRICANE ZONE, 2007 EDITION (TAS 201-94, TAS 202-94, TAS 203-94)

3. EACH BARRIER SHALL HAVE A PERMANENT LABEL PLACED IN A VISIBLE LOCATION WITH THE FOLLOWING INFORMATION:

EXETER ARCHITECTURAL PRODUCTS
WYDMING, PA
MIAMI-DADE COUNTY
PRODUCT CONTROL APPROVED

EXETER ARCHITECTURAL PRODUCTS

NANTICOKE, PA

MIAMI-DADE COUNTY

PRODUCT CONTROL APPROVED

LABEL SIZE: 2" X 3/4"

ALTERNATE MANUFACTURING LOCATION

- 4. DESIGN PRESSURE CALCULATIONS SHALL BE PERFORMED BY A REGISTERED ARCHITECT OR PROFESSIONAL ENGINEER IN ACCORDANCE WITH ASCE 7-05. THE ALLOWABLE DESIGN PRESSURES FOR EACH PRODUCT TYPE (APPROVED UNDER THIS N.O.A.) ARE LISTED WITH ITS CORRESPONDING DRAWING.
- 5. ALL ALUMINUM PARTS ARE MADE FROM 6063 T5 SERIES ALUMINUM. THE PERFORATED PANELS SHALL BE .079" (NOMINAL THICKNESS) GALVANNEALED STEEL WITH AN OPTION FOR .079" (NOMINAL THICKNESS) STAINLESS STEEL. ALL PARTS SHALL BE SUPPLIED WITH A PROTECTIVE FINISH.
- 6. A FASTENER SCHEDULE FOR EACH PRODUCT CAN BE FOUND ON THE INDIVIDUAL DRAWINGS.
- 7. BARRIER CONSTRUCTION SHALL BE IN ACCORDANCE WITH DESIGNS AND METHODS SET FORTH BY THE MANUFACTURER CONTAINED HEREIN.
- 8. TO ENSURE PROPER OPERATION, INSTALLATION SHALL BE PERFORMED USING METHODS AND INSTRUCTIONS SET FORTH BY THE MANUFACTURER CONTAINED WITHIN THESE DRAWINGS.
- 9. UNITS MUST BE ATTACHED TO CONCRETE OR STRUCTURAL COMPONENTS OF THE BUILDING. OUTER WALL COVERINGS OR DECORATIVE ATTACHMENTS THAT ARE NOT PART OF THE BUILDING STRUCTURE ARE NOT SUITABLE FOR MOUNTING.

DRAWING INDEX

PAGE 1 DF 8 - GENERAL NOTES/INDEX

5 X 7 READY MOUNT (ENHANCED)

PAGE 2 OF 8 - 5' X 7' SINGLE, READY MOUNT, FACE MOUNT UNIT. PAGE 3 OF 8 - 5' X 7' SINGLE, READY MOUNT, INSET MOUNT UNIT. PAGE 4 OF 8 - 5' X 7' TRIPLE, READY MOUNT, FACE MOUNT UNIT. PAGE 5 OF 8 - 5' X 7' TRIPLE, READY MOUNT, INSET MOUNT UNIT.

MATERIALS & FASTENER SCHEDULE

PAGE 6 OF 8 - SUBFRAME ASSEMBLY DETAILS
PAGE 7 OF 8 - COMPONENT/EXTRUSION DETAILS.
PAGE 8 OF 8 - COMPONENT/EXTRUSION DETAILS. CONT.

PRODUC I REVISED
as complying with the Florida
Bulding Code
Acceptance No 12-1019.19
Enchanged Date 7 14 2015

By Wee Inc.
Miscal Dade Product Control

Approved as complying with the Florida Building Code
Date 07/4/20/6
NOA#09-12-07-02
Miami Dade Product Control
Division
By Lewy J. Melw

Marous M. 6-10-10

CONSULTING ENGINEER
THOMAS H. MAXWELL JR.,P.E.
121 N.W. 39 AVE.
MIAMI, FLORIDA 33126
(305) 541-7549

Board of Professional Engineers
Exam Mechanical-Structural 1965
State of Florida P.E. Registration
No. 10150
U.S. Army Corps of Engineers
Civil-Structural Engineer
Florid Power & Light Company

Electrical Engineer

TITLE/CUSTOMER

STORM SHIELD HURRICANE BARRIERS DRAWING INDEX/NOTES

SCALE: NTS

DATE: 6/3/10

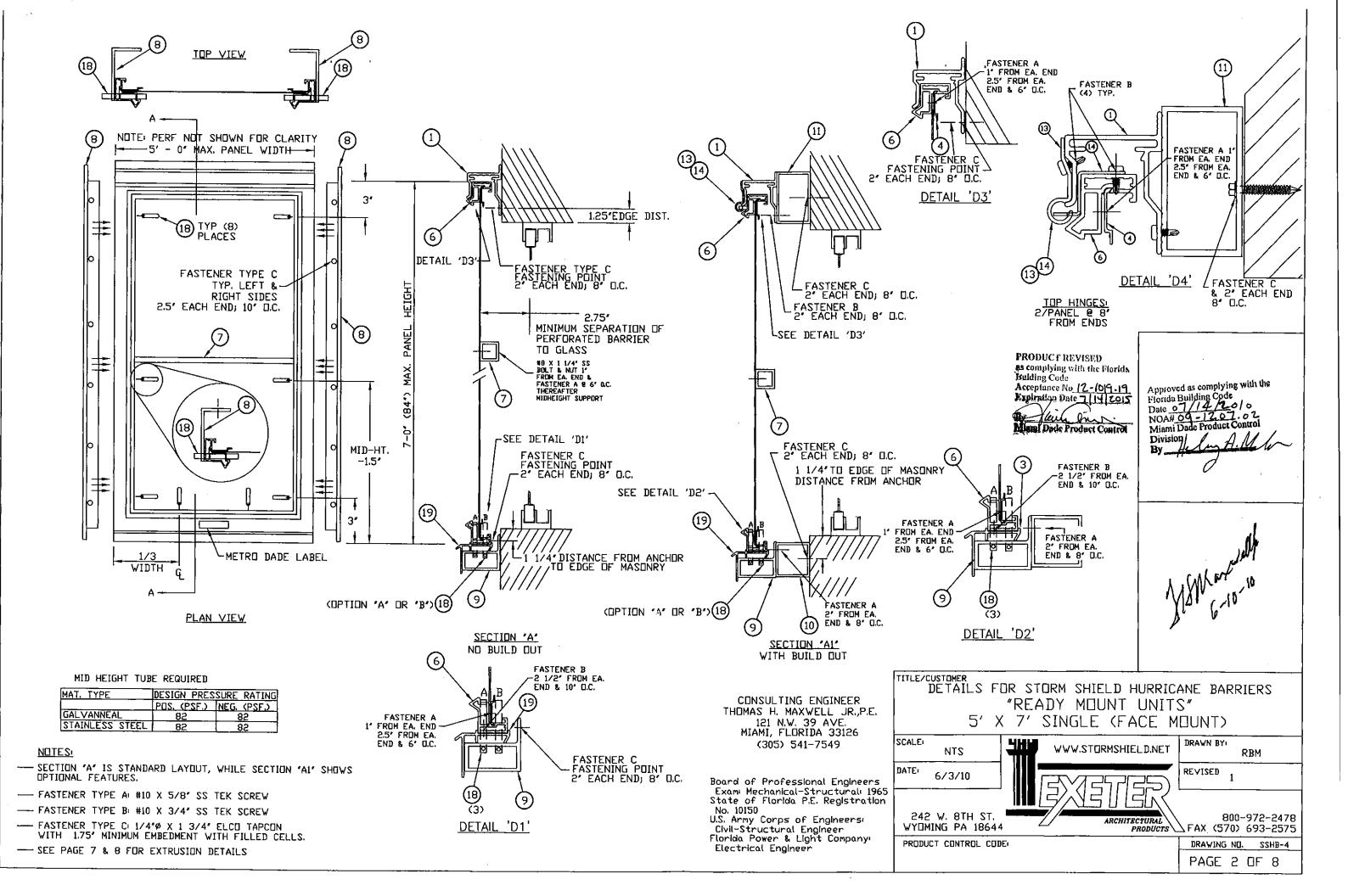
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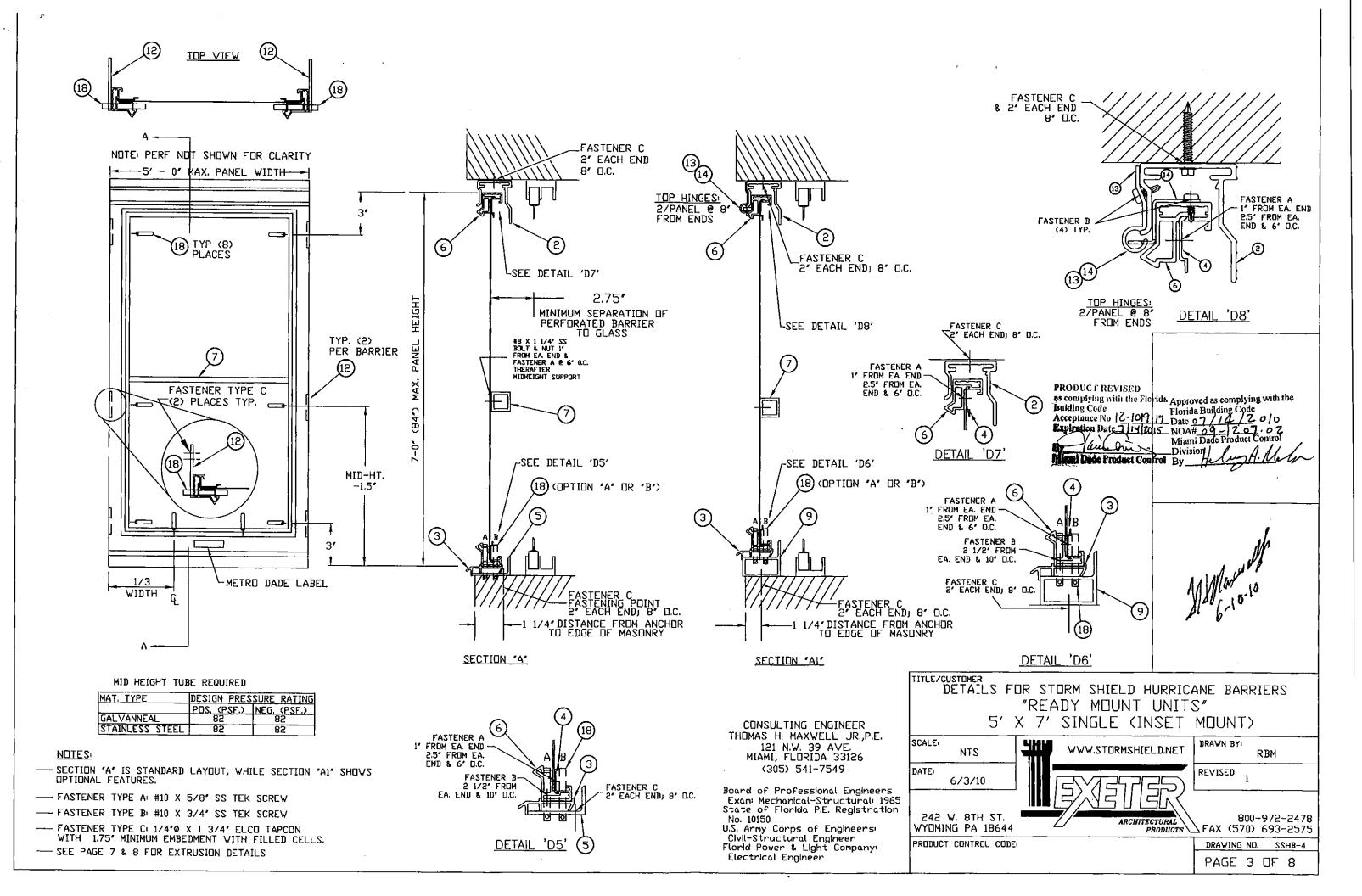
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REVISED

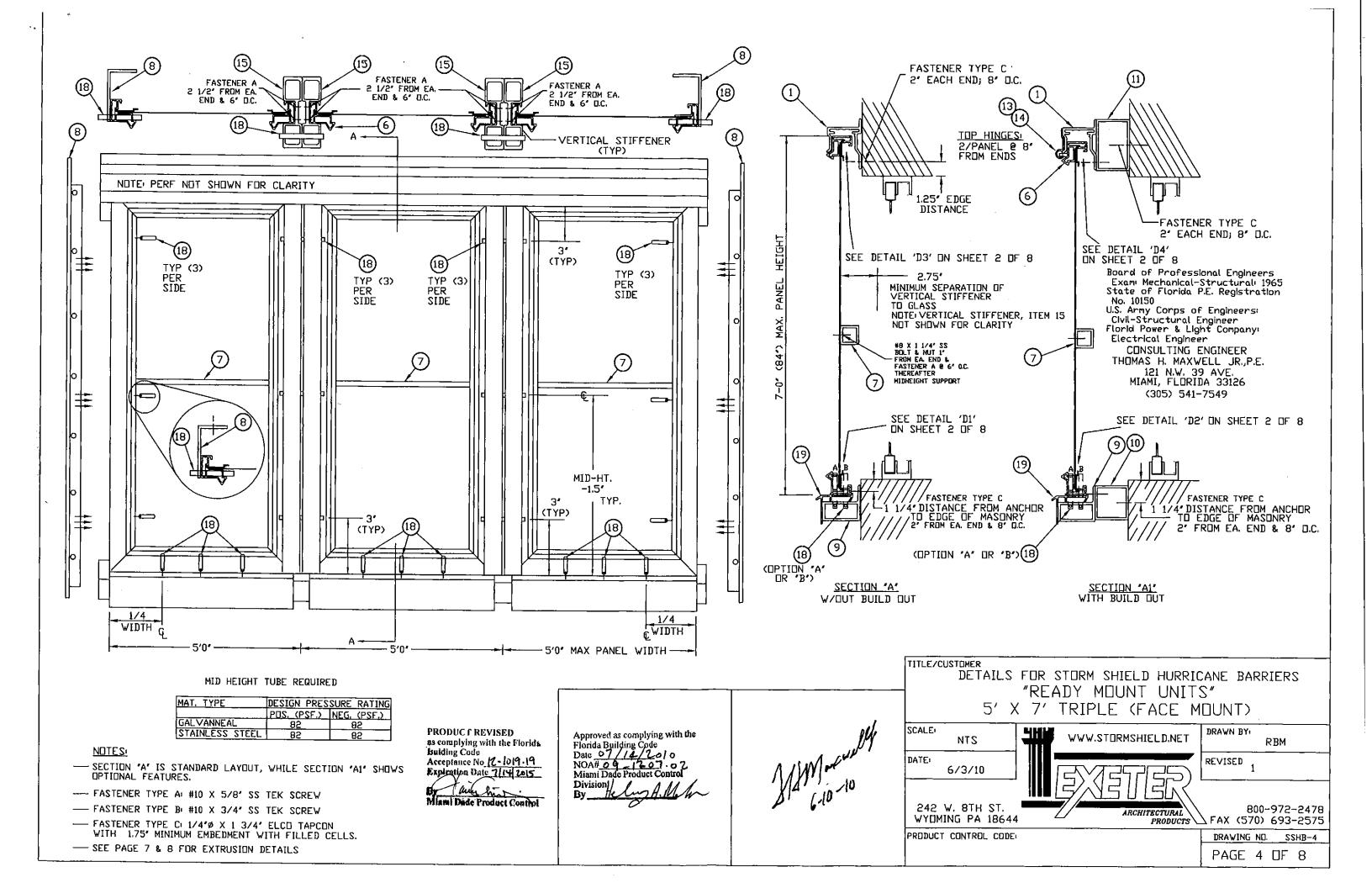
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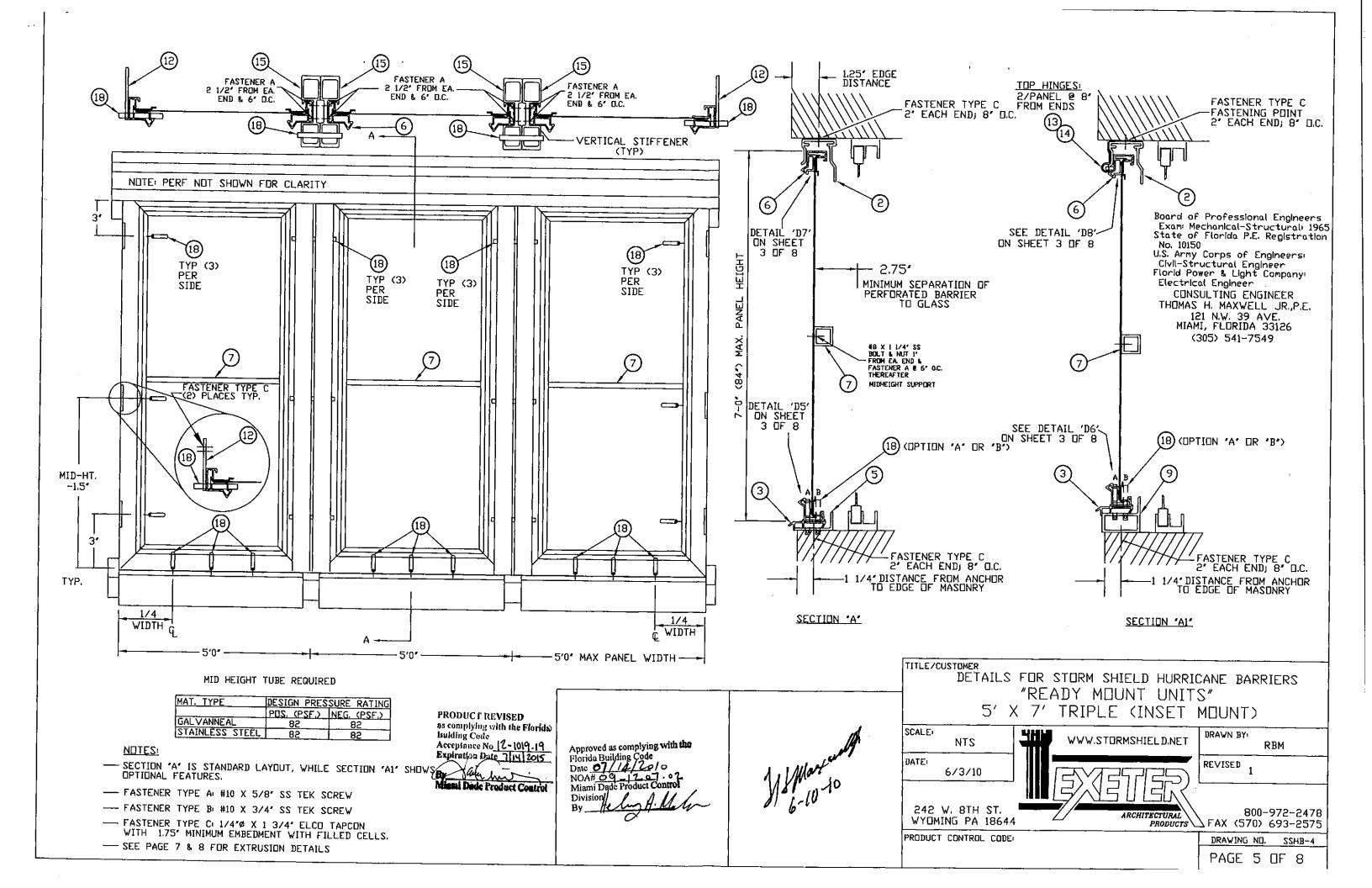
800-972-2478 FAX (570) 693-2575

PAGE 1 DF 8

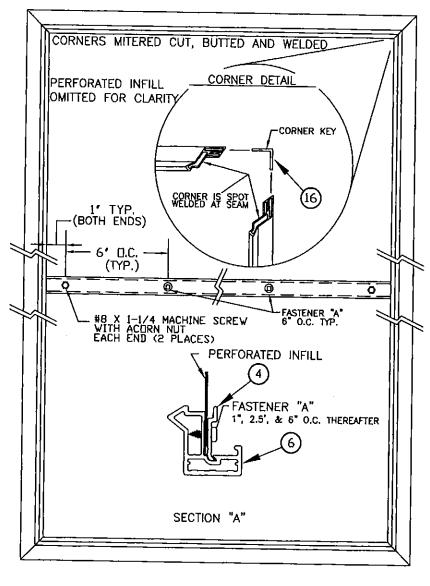




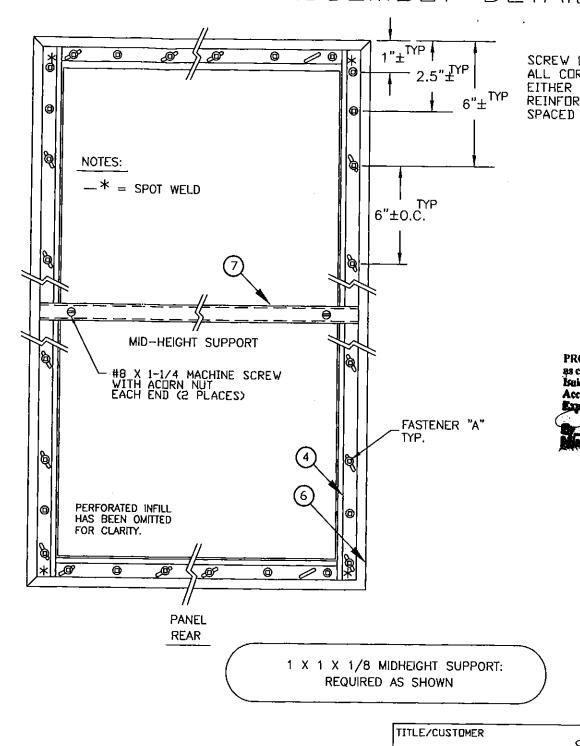




HURRICANE BARRIER SUBFRAME ASSEMBLY DETAILS







SCREW LOCATIONS FROM ALL CORNERS AND ON EITHER SIDE OF THE REINFORCEMENT BAR AND SPACED 6' D.C. THEREAFTER.

CONSULTING ENGINEER
THOMAS H. MAXWELL JR.,P.E.

121 N.W. 39 AVE.

MIAMI, FLORIDA 33126

(305) 541-7549

Board of Professional Engineers
Exami Mechanical-Structurali 1965
State of Florida P.E. Registration
No. 10150
U.S. Army Corps of Engineers
Civil-Structural Engineer
Florid Power & Light Companyi
Electrical Engineer

PRODUC I REVISED

as complying with the Florida

Building Code

Acceptance No (2-1019-19

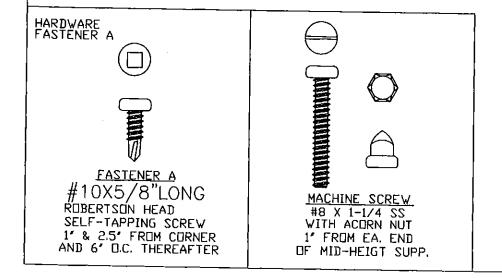
Explication Date 7) 14 2015

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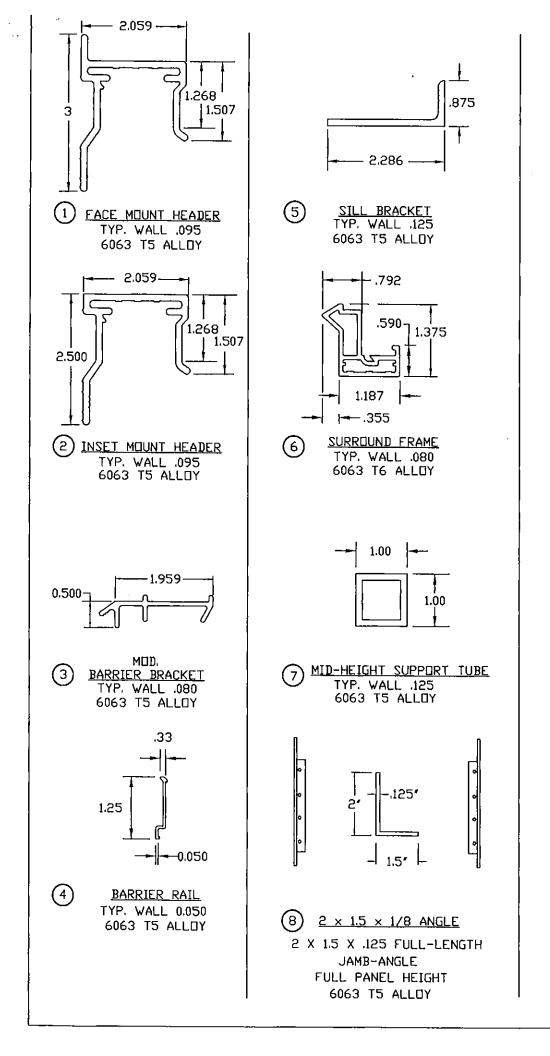
Approved as complying with the Florida Building Code
Date 07/14/20/0
NOA# 09-1207.02
Miami Dade Product Control
Division

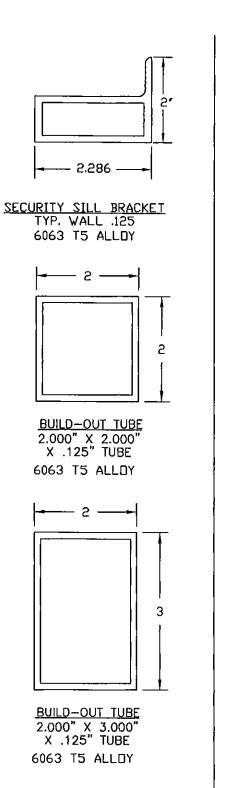
1 6-10-10 Maringh

PAGE 6 OF 8



STORM SHIELD HURRICANE BARRIER SUBFRAME ASSEMBLY DETAILS 5' X 7' UNITS (CONT'D) SCALE WWW.STORMSHIELD.NET STM RBM DATE REVISED 6/3/10 242 W. 8TH ST. 800-972-2478 ARCHITECTURAL WYOMING PA 18644 FAX (570) 693-2575 PRODUCT CONTROL CODE: DRAWING NO. SSHB-4

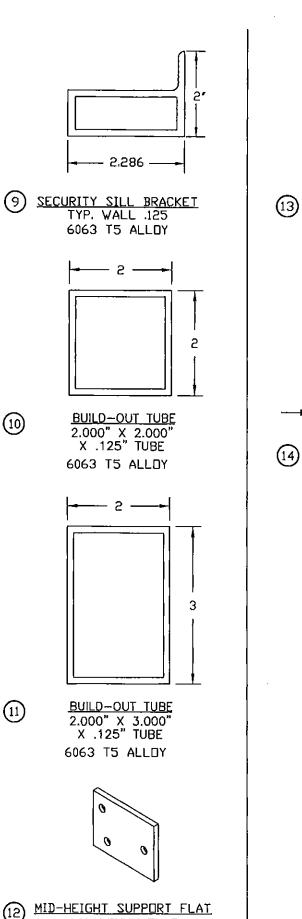


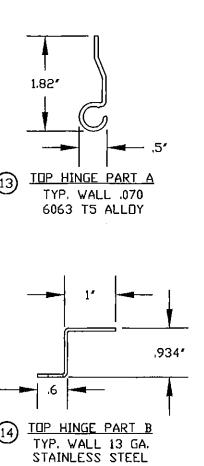


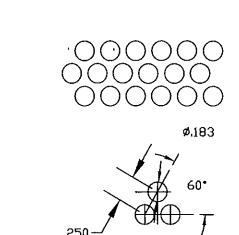
ALUMINUM FLAT

2,000 X 3,000 X ,125

6063 T5 ALLUY





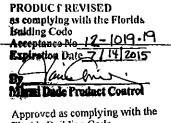


PERFORATED PATTERNI .1875¢ HOLES ON .25' STAG PATTERN INVISIPERF II FULL SCALE

MATERIAL: .079" (NDMINAL THICKNESS) GALVANNEALED STEEL STRUCTURAL QUALITY GRADE 33 WITH A60 GALVANNEAL CDATING PER ASTM A653 FINISHED WITH POLYESTER POWDER COAT. .0705" (MIN. THICKNESS) YIELD STRENGTH - 58 ksl. MIN. OPTIONAL MATERIAL: .079' (NOMINAL THICKNESS) STAINLESS STEEL PREPARED USING ASTM A240 SPECIFICATION. WITH THESE MIN. REQUIREMENTS -TENSILE STRENGTH - 75 ksl. MIN. -YIELD STRENGTH - 58 ksi. MIN. -ELONGATION - 40% IN 2° MIN. -HARDNESS - 92 rb MAX. FINISHED WITH WEATHER RESISTANT, HIGH PERFORMANCE ELECTRO-STATIC APPLIED COATING. .0711" (MIN. THICKNESS)

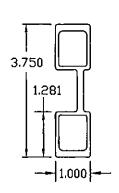
CONSULTING ENGINEER THOMAS H. MAXWELL JR., P.E. 121 N.W. 39 AVE. MIAMI, FLORIDA 33126 (305) 541-7549

Board of Professional Engineers Exami Mechanical-Structurali 1965 State of Florida P.E. Registration No. 10150 U.S. Army Corps of Engineers Civil-Structural Engineer Florid Power & Light Company Electrical Engineer

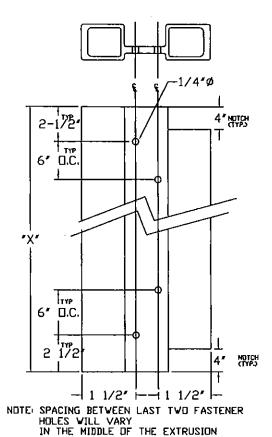


Florida Building Code
Date 07/14/20/0
NOA#09-1207.02
Miami Dade Product Control Division/

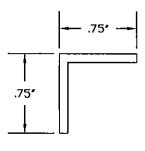




VERTICAL STIFFENER
TYP. WALL = .0938
6105-T5 ALLOY
'DOUBLE HOLLOW'



FACE/INSET READY MOUNT
VERTICAL STIFFENER HOLE LOCATIONS
TYP. WALL .0938
6105 T5 ALLOY



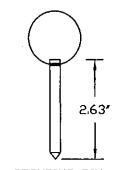
CORNER KEY
TYP. WALL = .095
6063 T5 ALLOY
(INTERNAL PART)



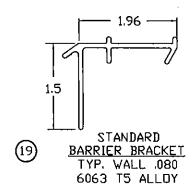
#14 SHEET METAL SCREW

LENGTH = 2.5"

DPTION A 18-8 STAINLESS STEEL

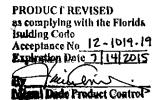


SECURING PIN
TYP. DIA. .25'
OPTION B 304 STAINLESS STEEL



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Approved as complying with the Florida Building Code
Date 0/1/4/20/0
NOA# 09-1207.02
Miami Dade Product Control
Division///

Market 4 - 10-10 6-10-10

TITLE/CUSTOMER			
DETAILS	FOR STORM SHIEL READY N		NE BARRIERS
	5' X 7' UNIT)>
SCALE: NTS	WWW.STORN	MSHIELD.NET	DRAWN BYI RBM
DATE: 6/3/10			REVISED 1
242 W. 8TH S	ST	ARCHITECTURAL	800-972-2478
WYOMING PA 18		PRODUCTS	FAX (570) 693-2575
PRODUCT CONTROL C	ODE:		DRAWING ND. SSHB-4
			PAGE 8 DF 8